

KOBRA DRIVE VS (KDVS)

Encrypted HDD / SSD



Full-Disk Encryption

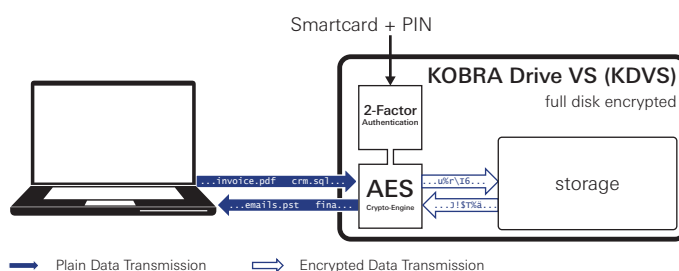
256-bit AES full-disk hardware encryption in XTS mode using two 256-bit crypto keys

Access Control

Two-factor authentication via smartcard and PIN according to the principle "having and knowing"

Crypto Key Management

Administration of the cryptographic keys by the Users: Create, Modify and Destroy



Approved by the German Federal Office for Information Security (BSI) for government classified information up to NATO RESTRICTED and EU RESTRICTED

KOBRA Drive VS is an external encrypted hard disk that is state of the art. The product enables the GDPR compliant storage, retention and secure transport of sensitive, personal and confidential data up to the classification Level German VS-NfD, RESTREINT UE/EU RESTRICTED and NATO RESTRICTED for authorities and companies.

In addition to DIGITTRADE smartcards, PKI-based company ID-, service- and troop ID cards can also be used for authentication. In terms of confidentiality, all data stored on the KOBRA Drive VS is thus protected against unauthorized access in case of loss or theft.

Further safety functions:

- Distribution of roles between administrator and user
- Management software Kobra Client VS
- External generation and calculation of crypto-keys on the smartcard
- Up to 10 smartcards (PKI cards) can be integrated
- Automatic encryption of all data in real-time
- Automatic formatting after key change
- Write protection mechanism
- Time out function (1 to 30min)
- Lock-Out and Quick-Out functions
- Sturdy metal housing protected against splash water

Optional configurations:

- Laser engraving of logo, inventory numbers, scanable QR codes, designations or similar according to customer
- Custom USB VID, PID & Serial Number
- Windows To Go

Technical information:

- Integrated power supply
- Execution of many functions without PC connection
- Simple operation, maintenance and support free
- Modern USB-C connection
- Compatible with USB 3.0 & 2.0
- Operating system independent and bootable
- No performance limitations
- Read/write speed:
SSD up to 200 MB/s
HDD up to 80 MB/s
- Capacities:
HDD: 1TB, 2TB
SSD: 1TB, 2TB, 4TB and 8TB

Security certificates:

- Approved by BSI for German VS-NfD, RESTREINT UE/EU RESTRICTED and NATO RESTRICTED - BSI-VSA-10338



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